



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY
ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 030789	PRINTER SN 84.9324.142	DATE OF INSPECTION 2/7/2013
LOCATION OF INSTRUMENT (STREET AND CITY) 510 First St Hillsboro		TIME OF INSPECTION 1147

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

<input checked="" type="checkbox"/> DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)
<input checked="" type="checkbox"/> TEMPERATURE OF ALCO SENSOR (10°C - 40°C) 22°C
<input checked="" type="checkbox"/> PRINTER WORKING PROPERLY
<input checked="" type="checkbox"/> TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

<input checked="" type="checkbox"/> SIMULATOR SOLUTION	<input type="checkbox"/> COMPRESSED ETHANOL-GAS MIXTURE
<input checked="" type="checkbox"/> STANDARD SUPPLIER Guth Laboratories LOT # 11250 EXP. DATE 12/6/13	
<input checked="" type="checkbox"/> SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34°C SIMULATOR SN 502222 SIMULATOR EXP DATE 11/2012	
<input checked="" type="checkbox"/> CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT) Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED) <input checked="" type="checkbox"/> 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE <input type="checkbox"/> 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE <input type="checkbox"/> 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE	

TEST 1 • .100	TEST 2 • .099	TEST 3 • .099
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<input checked="" type="checkbox"/> RFI DETECTOR OPERATING
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INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS 0	(0-.04) 0	(.05-.09) 0	(.10-.14) 0	(.15-.19) 0	(OVER .19) 0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

INSPECTING OFFICER

SIGNATURE <i>[Signature]</i>	PRINT NAME Roger Weuster
TYPE II PERMIT NUMBER/EXPIRATION DATE 220093 04/10/2014	TELEPHONE NUMBER (636) 797-5000

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 11250 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **December 9, 2011**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1221%** (w/vol) ethyl alcohol. The expiration date for this lot number is **December 6, 2013** at 11:59 PM.

When used in a calibrated Simulator, operating at $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$, this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L \pm 3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number **FN102408-02** whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 030789
Version no: 004C

TEST RECORD 00378

Temp Date Time 210L
s/

Air Blank:

02/07/13 11:50 .000

Calibration Check:

23 02/07/13 11:50 .099

Subject Name

Monthly Maint

Subject I.D.

2/7/13

Operator Name, I.D.

Roger Wensler 220093

Location

510 First St

Hillsboro

AS IV Serial no: 030789
Version no: 004C

TEST RECORD 00377

Temp Date Time 210L
s/

Air Blank:

02/07/13 11:49 .000

Calibration Check:

23 02/07/13 11:49 .099

Subject Name

Monthly Maint

Subject I.D.

2/7/13

Operator Name, I.D.

Roger Wensler 220093

Location

510 First St

Hillsboro

AS IV Serial no: 030789
Version no: 004C

TEST RECORD 00376

Temp Date Time 210L
s/

Air Blank:

02/07/13 11:47 .000

Calibration Check:

22 02/07/13 11:47 .100

Subject Name

Monthly Maint

Subject I.D.

2/7/13

Operator Name, I.D.

Roger Wensler 220093

Location

510 First St

Hillsboro

AS IV Serial no: 030789
Version no: 004C

TEST RECORD 00379

Temp Date Time 210L
s/

Void: RFI

12 02/07/13 11:51

Subject Name

RFI Maint

Subject I.D.

2/7/13

Operator Name, I.D.

Roger Wensler 220093

Location

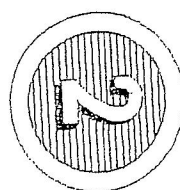
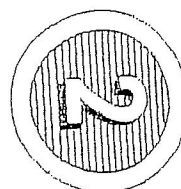
510 First St

Hillsboro

State of Missouri
DEPARTMENT OF HEALTH

P E R M I T

TYPE II



ROGER WENSLER

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field repairs, and operate the following breath analyzer(s):

DATA MASTER; ALCO-SENSOR IV W/PRINTER

for the determination of the alcoholic content of blood from a sample of expired (alveolar) air. Issued under the provisions of sections 577.020 through 577.041, RSMo 1986.

Date 04/10/2012

Number 220093

Expires 04/10/2014

MO 580-0771 (7-86)

Director of State Public Health Laboratory

Director, Department of Health

Lab. 4 (R7-86)